



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: HALIFAX
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: CCB 0002 Permit Not Required
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: June 2, 2010**Date of Last Audit:** January 6, 2010**FACILITY NAME AND ADDRESS:**

Wayne Long Mini Storage
Hwy 125
Halifax, NC 27839

GPS COORDINATES: N: 36.33899W: 77.60147**FACILITY CONTACT NAME AND PHONE NUMBER:**

Wayne Long, 252-593-2080

FACILITY CONTACT ADDRESS:

Wayne Long
7474 Hwy 125
Halifax, NC 27839

AUDIT PARTICIPANTS:

Mary Whaley, NC DENR, Solid Waste

STATUS OF PERMIT:

Permit Not Required

PURPOSE OF AUDIT:

Partial Audit

NOTICE OF VIOLATION(S):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS:

15A NCAC 13B .1705 (a) The structural fill facility must be designed, constructed, operated, closed, and maintained in such a manner as to minimize the potential for harmful release of constituents of coal combustion by-products to the environment or create a nuisance to the public. (b) Coal combustion by-products shall be collected and transported in a manner that will prevent nuisances and hazards to public health and safety. Coal combustion by-products shall be moisture conditioned, as necessary, and transported in covered trucks to prevent dusting. (e) The coal combustion by-product structural fill facility shall be effectively maintained and operated as a non-discharge system to prevent discharge to surface water resulting from the operation of the facility.

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(f) The coal combustion by-product structural fill facility shall be effectively maintained and operated to ensure no violations of ground water standards, 15A NCAC 2L. (g) Surface waters resulting from precipitation shall be diverted away from the active coal combustion by-product placement area during filling and construction activity.

15A NCAC 13B .1704 (a) Coal combustion by-products used as a structural fill shall not be placed:

(2) Within 50 horizontal feet of the top of the bank of a perennial stream or other surface water body.

The majority of the coal ash had been covered with soil within the required time limit. The ditch to the north of the coal ash was filled in with soil. The sediment basins did not have any water in them as of a site visit on March 2, 2010.

There have been no more complaints regarding coal ash from this site getting on the road or vehicles. RESOLVED.

AREAS OF CONCERN AND COMMENTS:

1. On October 22, 2008, the Solid Waste Section issued a letter stating that the documentation necessary for a notification had been received. It stated that the approximate 11.52 acre project could start accepting the ash.
2. The coal ash is from Roanoke Valley Energy, Glen Outland-contact, P.O. Box 351, Weldon, NC 27890.
3. Plumblin Engineering Corp., P.A., 121 Washington Ave., Weldon, NC 27890, is the engineering firm as well as the contractor for the project.
4. It was proposed that there would be 111,524 cubic yards of coal ash brought to the site.
5. It was estimated that the project would be completed by December 30, 2009.
6. The projected use of the property is as a structural fill, to construct a building pad for a mini storage facility.
7. It is not known if the ash is being kept within the submitted foot print of the site, as there are not any edge of waste markers.
8. All structural fills shall be covered with a minimum of 12 inches compacted earth, and an additional surface six inches of soil capable of supporting native plant growth.
9. Coal combustion by-products utilized on an exterior slope of a structural fill shall not be placed with a slope greater than 3.0 horizontal to 1.0 vertical.
10. **Coal combustion by-products used as a structural fill shall not be placed within 25 feet of any property boundary. Property lines and edge of waste markers need to be established prior to Closure of the site.**
11. Paperwork must be submitted to Raleigh if ash is proposed to be put in the cover soil borrow area. As of the June 2, 2010 inspection of the site, it did not appear that coal ash had been put in the borrow area.
12. **15A NCAC 13B .1706 (a) No later than 30 working days or 60 calendar days, whichever is less after coal combustion by-product placement has ceased, the final cover shall be applied over the coal combustion by-product placement area. (b) The final surface of the structural fill shall be graded and provided with drainage systems that: (1) Minimize erosion of cover materials; and (2) Promote drainage of area precipitation, minimize infiltration and prevent ponding of surface water on the structural fill. (c) Other erosion control measures, such as temporary mulching, seeding, or silt barriers shall be installed to ensure no visible coal combustion by-product migration to adjacent properties until the beneficial end use of the project is realized. (d) The constructor or operator shall submit a certification to the Division signed and sealed by a registered professional engineer or signed by the Secretary of the Department of Transportation or his designee certifying that all requirements in the Rules of this Section have been met. The report shall be submitted within 30 days of application of the final cover.**

Please contact me if you have any questions or concerns regarding this audit report.



Mary Whaley
Environmental Senior Specialist
Regional Representative

Phone: 919-693-5023

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Delivered on : <u>June 10, 2010</u> by		Hand delivery	X	US Mail		Certified No.
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cc: Mark Poindexter, Field Operations Branch Supervisor
Dennis Shackelford, Eastern District Supervisor
Donald Herndon, Compliance Officer
E.B. Grant, Plumblin Engineering Corp., P.A.
Glen Outland, Roanoke Valley Energy



Looking south on June 2, 2010.



Looking north on June 2, 2010.



Borrow pit with uncovered coal ash around it.
Picture taken June 2, 2010.



Uncovered coal ash on the east side.
Picture taken June 2, 2010.

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